

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

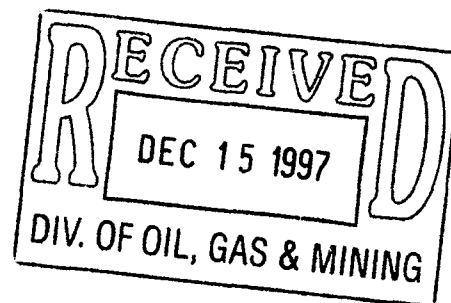
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU - 64923	
1b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Snyder Oil Corporation		7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR 1625 Broadway, Suite 2200, Denver, CO 80202 Phone 303-592-4643		8. FARM OR LEASE NAME WELL NO Gusher Federal 10-15	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface 67' 1971' FSL, 2105' FEL At proposed Prod. Zone Same 6H2		9. API WELL NO.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 16.0 miles southwest of Vernal, Utah		10. FIELD AND POOL OR WILDCAT Gusher East	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 702'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/SE, Sec. 15, T6S - R20E	
16. NO. OF ACRES IN LEASE 1160		12. County Uintah	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. +/- 2400' East Gusher 15-1-A		19. PROPOSED DEPTH 8200'	
20. ROTARY OR CABLE TOOLS Rotary		21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5079' GR	
22. APPROX. DATE WORK WILL START* December 1, 1997		23. PROPOSED CASING AND CEMENTING PROGRAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH
12-1/4"	8-5/8"	24#, J-55	820'
7-7/8"	5-1/2"	15.5#, J-55	8200'
QUANTITY OF CEMENT			
540 sx Class G			
200 sx Class G + 150 sx Class G			

Exhibits attached

Surface Use Plan
10 point Drilling plan
Exhibits A, B, C, D, E, F, G
Access road Plan of Developement
BOPE diagrams

BIA Bond No. 5736935
BLM Bond No. 5736975



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE **Sr. Regulatory Specialist** DATE **6/27/97**
(This space for Federal or State office use)

PERMIT NO. **43-047-33024** APPROVAL DATE
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

**Federal Approval of this
Action is Necessary**

BRADLEY G. HILL
TIT **RECLAMATION SPECIALIST-III**

DATE

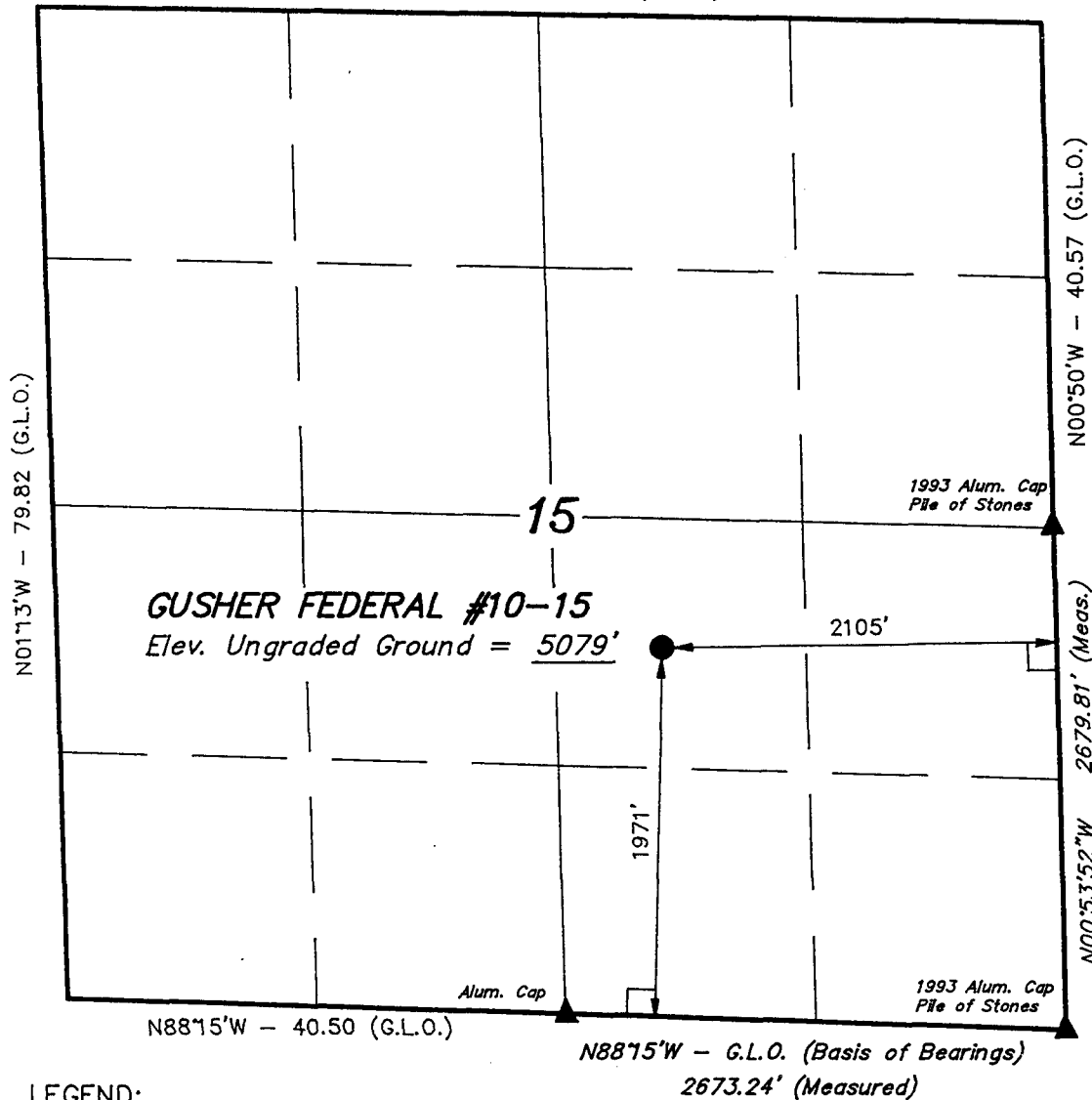
4/29/98

***See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T6S, R20E, U.S.B.&M.

N89°12'W - 81.46 (G.L.O.)



LEGEND:

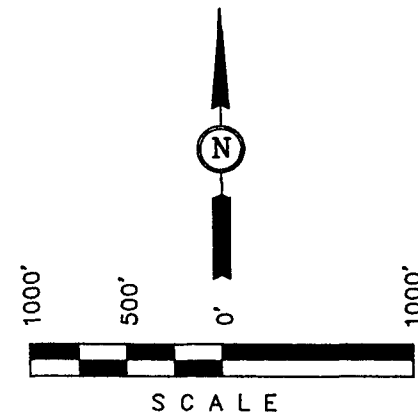
- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

SNYDER OIL CORP.

Well location, GUSHER FEDERAL #10-15, located as shown in the NW 1/4 SE 1/4 of Section 15, T6S, R20E, U.S.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 15, T6S, R20E, U.S.B.&M. TAKEN FROM THE VERNAL SW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5024 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017			
SCALE 1" = 1000'		DATE SURVEYED: 07-29-97	DATE DRAWN: 08-01-97
PARTY L.D.T. B.H. D.R.B.		REFERENCES G.L.O. PLAT	
WEATHER WARM		FILE SNYDER OIL CORP.	

SNYDER OIL CORPORATION
Gusher Federal 10-15
NWSE, Section 15, T6S-R20E
Uintah County, Utah
Lease no. UTU - 64923

DRILLING PLAN

1. Geologic name of surface formation: Uinta
2. The estimated tops of important geologic markers:

Formation	Depth(ft)	Hydrocarbon Bearing	Mineral Zones	Bearing
Uinta	Surface	Yes		
Green River	4605'	Yes		
Douglas Creek	7510'	Yes		
K-1	7580'	Yes		
K-2	7710'	Yes		
K-3	7860'	Yes		
K-4	8000'	Yes		
TD	8200'			

3. Anticipated BHP: 2500 psi
Anticipated Fracture Gradient: .70 psi/ft

All shows of fresh water and minerals will be reported and protected.

4. The proposed casing program, including the size, grade weight per foot and condition of each string:

Size	Top	Bottom	Weight	Grade	Thread	Cond.
8-5/8"	0	820'	24#	J-55	STC	New
5-1/2"	0	TD	15.5#	J-55	LTC	New

Surface casing shall be pressure tested to .22 psi/ft of total depth or 1500 psi, which ever is greater but not to exceed 70% minimum internal yield. Production casing will be tested to 3500 psi at surface.

CEMENT:

Approximate Volumes / Grades / Yields:

Surface String:

Cement will be circulated to surface; estimated volume (180% of theoretical value):
540 sxs Class G with 2% CaCl₂ @ 15.8 ppg (1.14 ft³/sx yield).

Production String:

Top of the lead cement will be @ 3500' below surface to cover the base of moderately saline ground water, which is estimated to be 3579' below surface per State of Utah Dept of Natural Resources Technical Publication No. 92, "Base of Moderately Saline Ground Water in the Uinta Basin, Utah."

The top of the tail cement will be at least 200' above the top of the Douglas Creek member of the Green River formation.

Estimated volume is guage hole + 30%.

Lead Cement: 300 sxs Class G Prem Lite Cement with 28% Poz and 10% Gel (11.0 ppg and 3.42 ft³/sx yield).

Tail Cement: 150 sxs Class G with 10% Gypsum and 3% Salt (14.2 ppg and 1.63 ft³/sx yield).

Actual volumes will be calculated and adjusted with caliper log and service company analysis prior to cementing. 10% excess will be pumped.

5. The minimum specifications for pressure control equipment which will be provided is included on the schematic diagram attached, showing size, pressure ratings testing procedures and testing frequency:

2000# BOP with 4-1/2" pipe rams
2000# BOP with blind rams

Manifold includes appropriate valves, positive and adjustable chokes, kill line and gas separator to control abnormal pressures. BOP's will be pressure tested to full working pressure at installation and will be functionally cycled on each trip. After a period of one month and each following, assuming drilling operations are continuing, the BOP's will be tested.

Accumulator will have 160 gallon capacity with backup system to be run on rig air or bottled nitrogen. The accumulator will be hydraulically driven with primary power of gas or electric motor. Primary controls will be located off the drilling floor at ground level with backup controls on the accumulator.

Safety valve and subs will fit all drill string connections in use. Visual mud monitoring will be conducted during operations.

6. The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighing material to be maintained:

Top Int.	Bottom Int.	Type	Weight (ppg)	Visc	pH	Water Loss	Remarks
0	4605'	Air / Mist	NA	NA	NA	NA	Air drill to base of Uinta Fm.
4605'	TD	DAP-Wtr	8.4- 9.2	27-35	8.5 - 9	NC	Min. Wt.

(NA - Not Applicable, NC - No Control)

Snyder Oil Corporation requests variances from the regulation/s requiring that:

- The blooie line be straight, and that
- A continuous igniter be on the blooie line as a mist system will be used.

Quantities of Mud material will be maintained on site to increase mud weight if abnormal pressures are encountered.

7. The auxiliary equipment to be used:

- Upper and lower kelly cocks.
- An inside BOP on the floor with proper connections to fit the drill pipe and collars.

8. The testing, logging and coring program to be followed:

Logs: DIL/GR	TD to base surface casing
Compensated Neutron Lithodensity;	TD to 500' above Douglas Creek
Sonic;	TD to base surface casing (at operators discretion)

9. No anticipated abnormal pressures or temperatures expected to be encountered:

Anticipated bottom-hole pressures to range from 0.24 psi/ft to 0.38 psi/ft.
No hydrogen sulfide expected.

10. The anticipated starting date and duration of the operation:

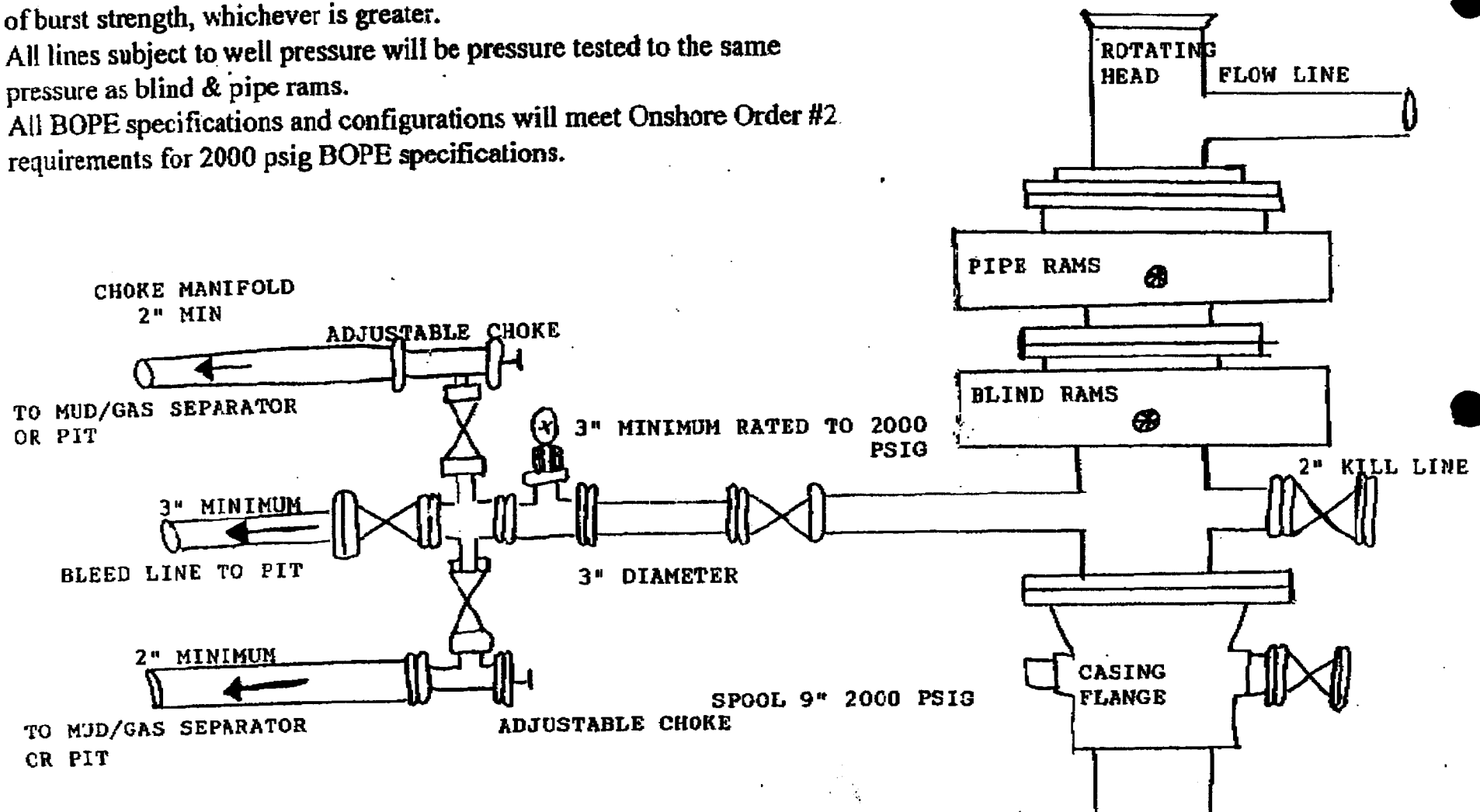
Starting Date: December 1, 1997
Duration: 20 days

2000 PSIG DIAGRAM

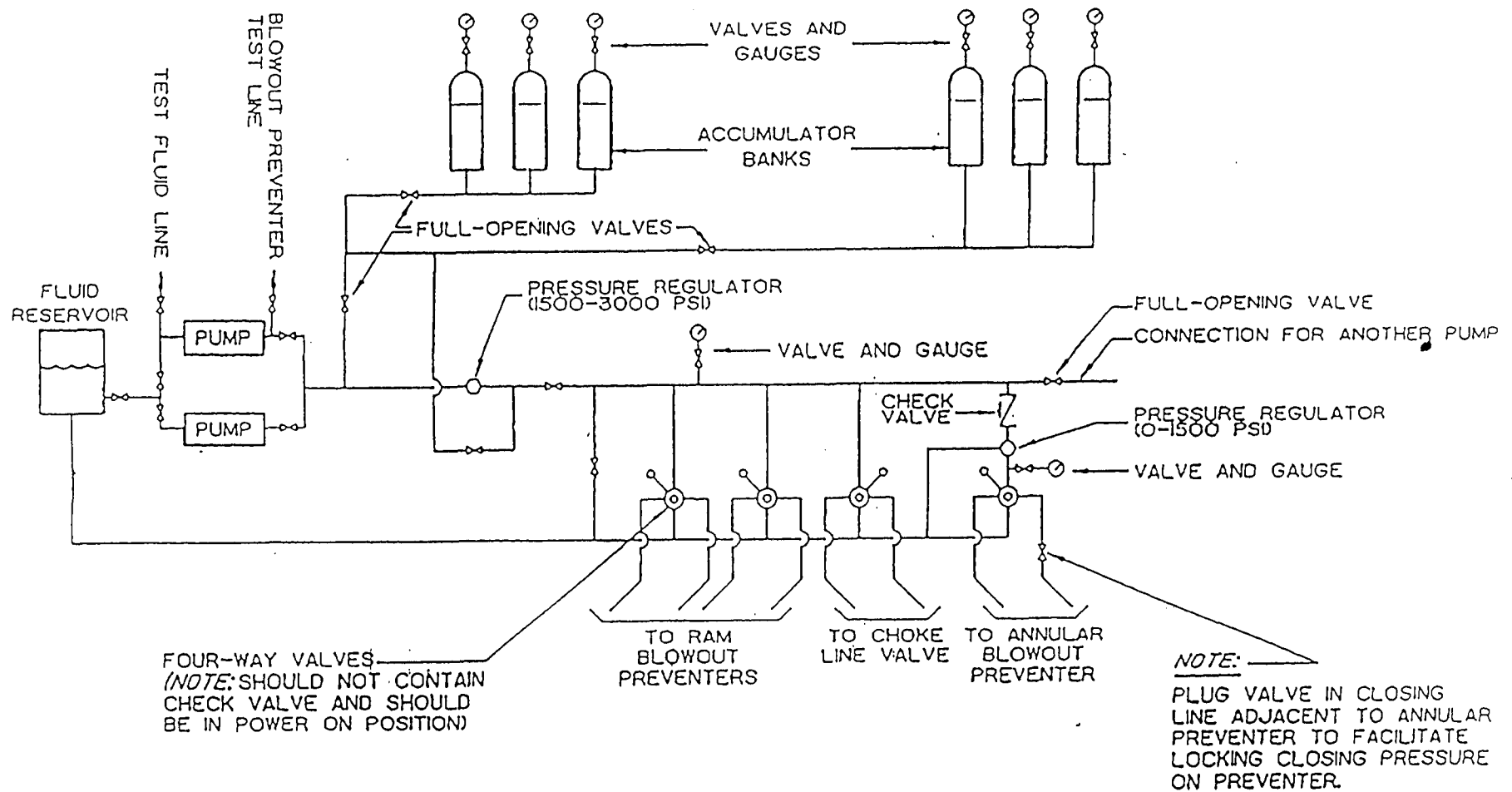
BOTH RAMS ARE 2000 PSIG RATED.
CASING FLANGE IS 9" 2000 PSIG RATED.
BOPE 9" 2000 PSIG

TESTING PROCEDURE:

1. BOPE 's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind rams will be tested to rated working pressure, 2000 psig
3. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
4. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 2000 psig BOPE specifications.



TYPICAL BLOWOUT PREVENTER CLOSING UNIT ARRANGEMENT



Surface Use Plan

Company: Snyder Oil Corporation
1625 Broadway, Suite 2200
Denver, Colorado 80202
Attn: Joe Mazotti
303-592-4643

Well Name: Gusher Federal 10-15
Location: NW/SE, Sec. 15, T6S - R20E
Uintah County, Utah
Lease: UTU - 64923

1. Existing Roads

- A. The existing access road extends 1.8 miles east of Utah State Highway # 88 (see Exhibits A&B).
- B. The existing roads will be maintained is as good or better condition than now exists, meeting standards listed in BLM Manual Section 9113 for a resource road.
- C. If the access road is dry during construction, drilling, and completion activities water the access road to help road compaction and minimize soil loss due to blowing dust.

2. Access Roads to be Constructed

Snyder Oil Corporation requests that this APD serve as the amendment application for right-of-way to cross federal lands. Plan of Development attached.

- A. The new road will be completed as a single lane 16 foot subgrade road with no turnouts. (See Exhibit B)
- B. Construct the access road and associated drainage structures in accordance with BLM roading guidelines as stated in the BLM/USFS publication: Surface Standards for Oil and Gas Exploration and Development, Third Edition, January 1989.
- C. If the access road is dry during construction, drilling, and completion activities water the access road to help road compaction and minimize soil loss due to blowing dust.
- D. Road construction is to be monitored by a qualified individual agreed to by the authorized officer and the operator. Compaction of the subgrade with water and heavy equipment to a density higher than the surrounding subsurface is required during construction.
- E. Cattleguard: No cattleguard will be required.
- F. Maintenance:

Operator shall regularly maintain the road in a safe, usable condition. A regular maintenance program shall include, but not be limited to, blading, ditching, culvert installation, drainage installation, surfacing, and cattleguards, as needed. Design, construction, and maintenance of the road will be in compliance with the standards contained in BLM Manual, Section 9113 (Roads), and in the "Gold Book", Oil and Gas Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition.

3. Location of existing wells: See Exhibit C

4. Location of Existing and/or Proposed Production Facilities

A. Existing facilities: See Exhibit C

B. New production facilities well be utilized:

Pumping Unit

Treater

Gas to be vented

400 bbl Oil Tank

400 bbl Water Tank

55 Gallon Ethylene Glycol tank

Pumping Unit

Lines are to be 3" schedule 80 welded flowline in insulated bundle with 2 - 1.5"

Glycol heat trace lines and a 1" fuel line.

C. Facilities are limited to existing drilling pad (Exhibit D).

D. Containment berms will be installed to the following minimums: 18" wide on top, 36" wide at the base, and 24" tall. Width and length of berm will be sufficient to contain 110% of maximum stored volume. All produced water will be disposed of via truck transport to the Murrays disposal, La Pointe, Utah. An "as built" drawing will be submitted with site security diagram.

E. All above ground permanent structures (permanent means on-site for longer than 90 days) not subject to safety requirements shall be painted Desert Tan.

5. LOCATION AND TYPE OF WATER SUPPLY

A. Location: Water will be supplied by Nebecker Trucking of Roosevelt, Utah. Water source Will be from their collection box set over an un-named natural spring located In the NE/4, Sec. 32, T6S-R20E @ 1320' FSL, 1320' FWL, under the water right Of Mr. Eugene Brown, permit # 43-9077.

B. Method of transportation: Water is to be hauled via truck by Nebecker Trucking.

C. Water well to be drilled: None.

D. Water Pipeline - None

6. SOURCE OF CONSTRUCTION MATERIALS

A. Location: Native materials obtained during construction.

B. From Federal or Indian lands: Indian lands.

C. Where materials will be used: On location and access road.

D. Access roads on Federal or Indian lands: Indian lands.

7. Methods of Handling Waste Disposal

All state and local laws and regulations pertaining to disposal of human and solid waste will be complied with.

- A/B. Cuttings and drilling fluids: Cuttings and drilling fluids will be contained in the reserve pit.
- C. Produced fluids: Tanks will be used for storage of produced fluids during testing. Fracture stimulation fluids will be flowed back into the reserve pit for evaporation.
- D. Sewage: Sewage will be contained in above ground storage tanks (Exhibit D). All applicable permits will be secured prior to installation. Upon completion of the project, sewage will be hauled to an approved sewage treatment facility for disposal.
- E. Burnable waste will be contained in a portable trash cage. This waste will be transported to a State approved waste disposal site upon completion of operations.
- F. Proper clean up of well site: Upon completion of drilling, all trash and litter will be picked up and placed in the trash cage. The reserve pit will be fenced on 3 sides during drilling and the 4th side will be fenced when drilling is completed. The reserve pit will remain fenced until dry, at which time it will be backfilled to depth of at least 5 feet of soil material.
- G. No chemicals subject to reporting under SARA Title III (hazardous material) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

8. Ancillary Facilities: None

9. Wellsite Layout

- A. Drill pad cross sections, cuts and fills (see Exhibits E).
- B. Location of pits and stockpiles: See diagram (Exhibit D) for location of mud tanks, reserve pit, burn and trash pit, pipe racks, living facilities and soil material stockpiles.
- C. Pad orientation: See rig layout diagram (Exhibit D) for rig orientation, parking areas and access roads.
- D. O.S.H.A. requirements: Area needed to conduct the fracturing operations, if necessary, in a safe manner and in accordance with O.S.H.A. standards will be within the areas already disturbed or agreed upon at the presite examination.
- E. Surface Runoff: In order to divert surface runoff, a drainage ditch will be constructed around the upslope side of the well site.
- F. Construction activity will not be conducted using frozen or saturated soil material or during periods when watershed damage is likely to occur.
- G. Confine all equipment and vehicles to the access road, pad and spoil and topsoil storage areas.

- H. Strip eight inches of topsoil from the wellpad and spoil storage area prior to any other construction activity.
- I. Compact the fill section of the pad that supports the drill rig and any other heavy equipment.

Flagging and Staking

Centerline road flagging: The proposed route of the new access road is flagged as shown on map (Exhibit B). Slope, grade and other control stakes will be placed as necessary to ensure construction in accordance with the road specifications. The cut and fill slopes and spoil storage areas will be marked with a stake as necessary. The tops of the stakes or laths shall be painted or flagged in a distinctive color. All boundary stakes and/or laths shall be maintained in place until final construction cleanup is completed. If stakes are disturbed, they shall be replaced before proceeding with construction.

Fences

Prior to the onset of drilling, a "stock tight" fence shall be installed on three sides of the reserve pit. This fence will be either (1) woven wire at least 28 inches high and within four inches of ground surface with two strands of barbed wire above the woven wire with 10-inch spacing, or (2) at least five strands of barbed wire spaced, starting from the ground, at approximately 6-, 8-, 10-, and 12-inch intervals. The fourth side of the reserve pit will be fenced after the drilling rig moves off the location.

Syphons

Install syphons, catchments, and absorbent pads to keep hydrocarbons produced by the drill rig from entering the reserve pit. Ensure that hydrocarbons and contaminated pads are disposed of in accordance with Utah DEQ requirements.

Reserve Pits

The reserve pit will be examined by the operator and the authorized officer after construction and prior to the addition of any fluids to determine if the materials are permeable and potentially capable of allowing transfer of pit contents to the groundwater. If permeable, supplemental pit lining will be required, such as bentonite clay or a membrane liner. The type of lining use will be mutually agreed to by the operator and the authorized officer.

Backfill reserve pit as soon as dry after drilling and completion operations are finished. If natural evaporation of the reserve pit is not feasible, alternative methods of drying, removal of fluids, or other treatment must be developed. If fluids will be disposed of by any method other than evaporation or hauling to a DEQ approved disposal pit, prior approval by the BLM is required. NOTE: If disposal involves proposed discharge or transport, Utah DEQ approval is necessary.

The reserve pit bottom and side walls shall be void of any sharp rocks that could puncture the liner.

If liner is required, then: Line the reserve pit prior to putting any fluids into it. The pit liner must have a mullen burst strength that is equal to or exceeds 300 pounds, a puncture strength that is equal to or exceeds 160 pounds, and grab tensile strengths that are equal to or exceeds 150 pounds. These are to be verified test results run according to ASTM test standards. In addition, the liner must be totally resistant to deterioration by hydrocarbons.

Liners must be installed over smooth fill subgrade which is free of pockets, loose rocks, or other materials which could damage the liner. Sand, sifted dirt, or bentonite are suggested.

Testing

If drilling fluids are transferred from this well to the next well in the drilling plan, then the fluids will be tested at the well logging stage of drilling operations using Utah DEQ Guideline parameters. This water analysis standard is incorporated in a packet submitted by Western Environmental Services and Testing Inc. as part of their water analysis packages. Any other company doing water testing will also have to test for the elements listed in the Utah DEQ Guideline parameters.

In order to ensure timely review of the water quality data, the operator is required to have a Utah DEQ approved firm contracted to conduct water samples, send a copy of water quality test results to the Vernal BLM office at the same time that they are sent to the operator.

10. Plans for Reclamation of the Surface

- A. Rat and mouse holes shall be filled and compacted from bottom to top immediately upon release of the drilling rig from the location.
- B. Spread topsoil from the berms and/or storage piles along the road's cut and fill slopes. Do not block drainage ditches or culverts with topsoil and associated organic matter. Seed the topsoiled areas as stated below.
- C. Recontour the unused area of the pad, spread topsoil six inches deep, rip the area on the contour one ft. deep using ripper teeth set on one ft. centers. Seed the reclaimed area of the well pad and the access road cut and fill slopes as stated below.

Seeding

Seed mixture and application rates contained in the condition of approval will be applied. Seed all disturbed areas using a drill equipped with a depth regulator. All seed must be drilled on the contour. Plant the seed between one-quarter and one-half inches deep. Seed all disturbed areas using a drill equipped with a depth regulator. All seed must be drilled on the contour. Plant the seed between one-quarter and one-half inches deep. Where drilling is not possible (too steep or rocky), broadcast the seed and rake or chain the area to cover the seed. If the seed mixture is broadcast, double the rate listed below. The seeding shall be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. The first evaluation of growth will be made following completion of the first growing season after seeding.

Pure live seed (PLS) formula: % of purity of seed mixture times % germination of seed mixture = portion of seed mixture that is PLS.

Seeding will take place after September 1 1998 and prior to ground frost.

11. LESSEE OR OPERATOR'S FIELD REPRESENTATIVE

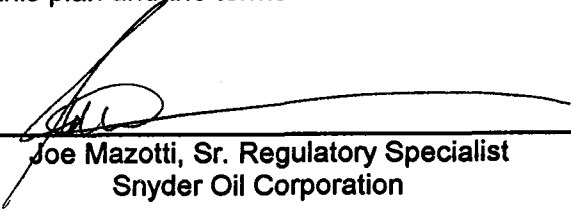
Operator

Joe Mazotti
Snyder Oil Corporation
1625 Broadway, Suite 2200
Denver, CO 80202
(303) 592-4643

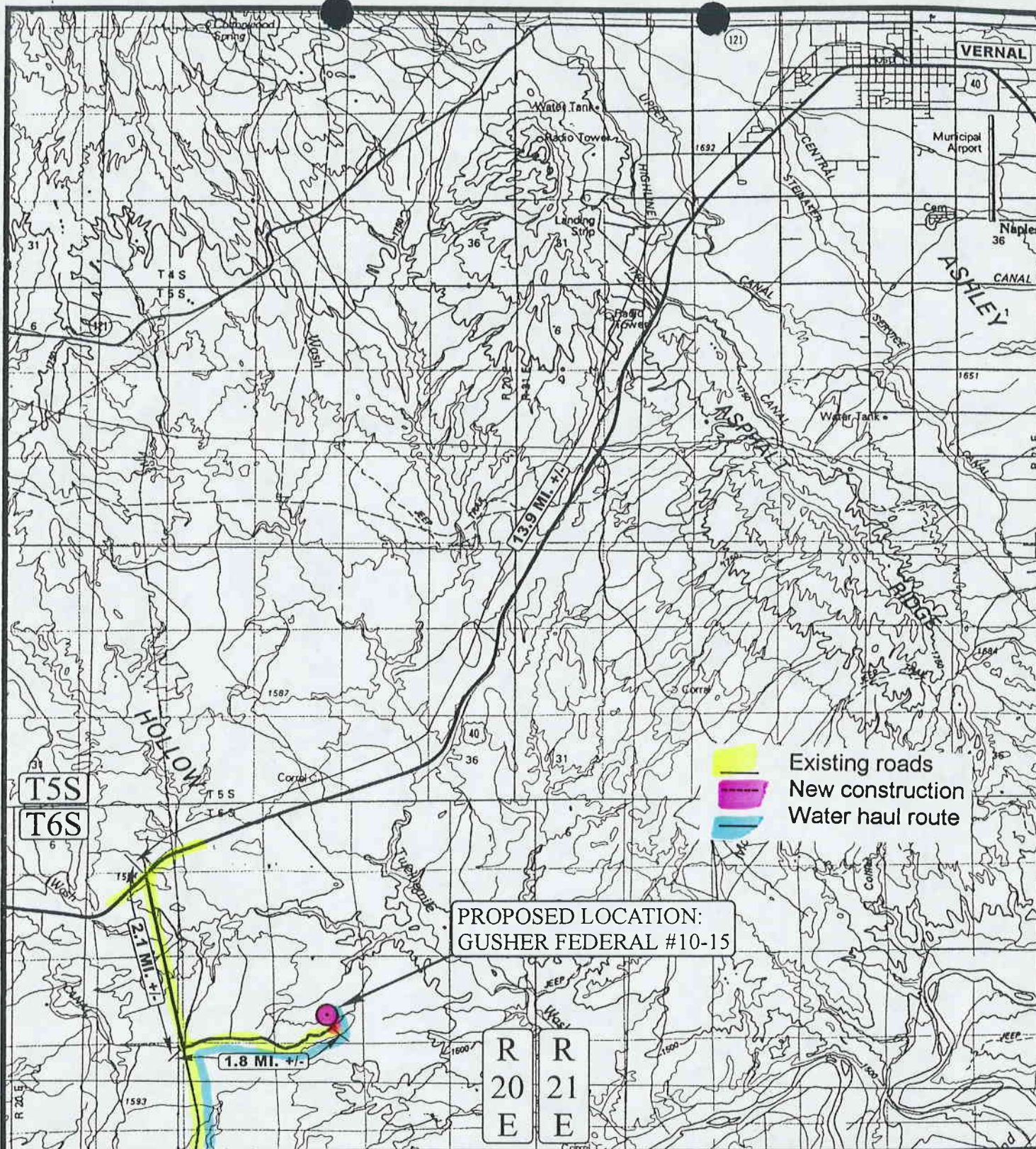
12. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Snyder Oil Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

10/26/97
Date



Joe Mazotti, Sr. Regulatory Specialist
Snyder Oil Corporation



LEGEND:

○ PROPOSED LOCATION



SNYDER OIL CORP.

GUSHER FEDERAL #10-15
SECTION 15, T6S, R20E, S.L.B.&M.
1971' FSL 2105' FEL

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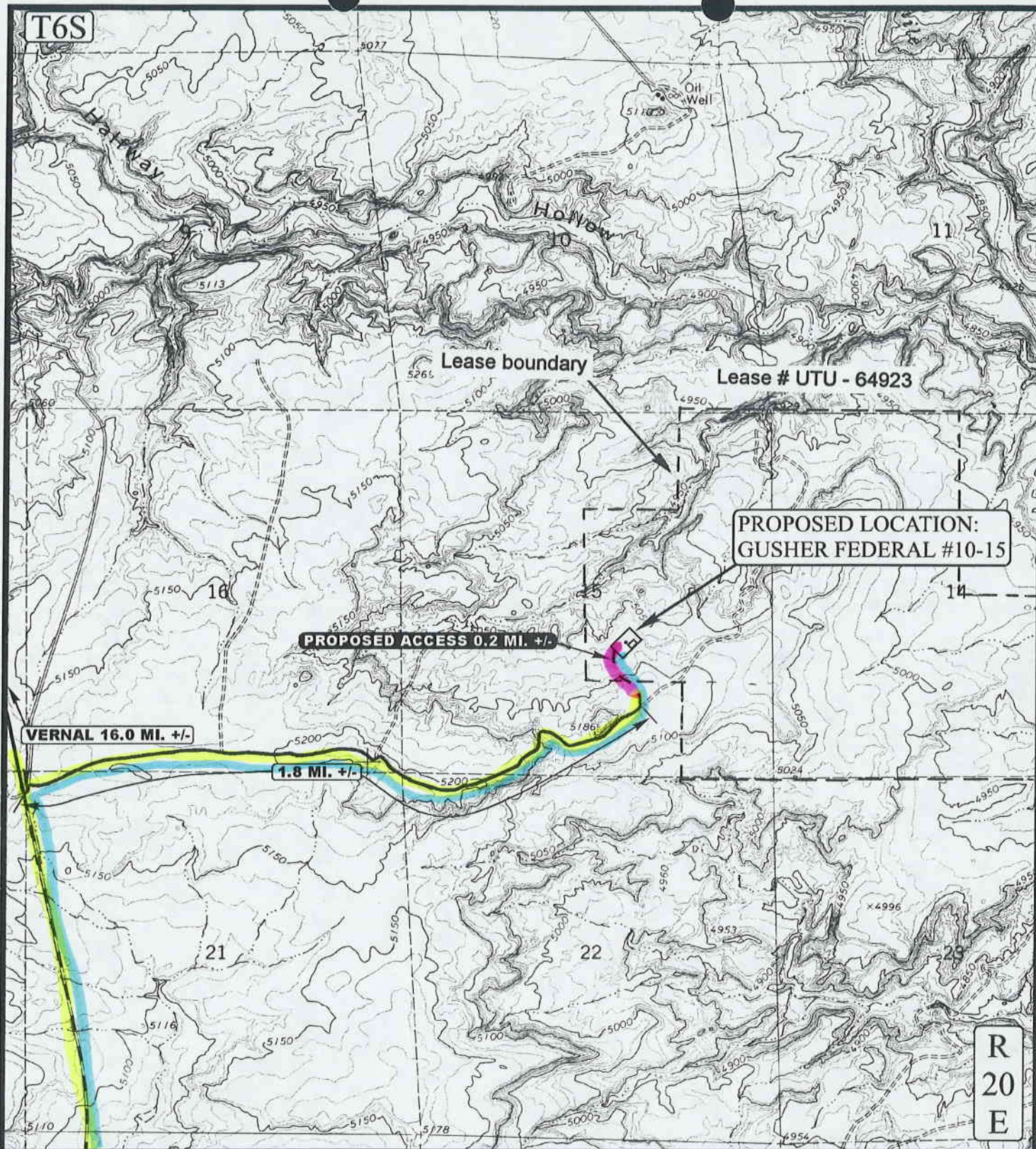
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(801) 789-1017 * FAX (801) 789-1813
Email: uels@casilink.com

TOPOGRAPHIC
MAP

7 30 97
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00

A
TOPO



LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD
- Water Haul Route



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (801) 789-1017 * FAX (801) 789-1813
 Email: ucls@casilink.com



SNYDER OIL CORP.

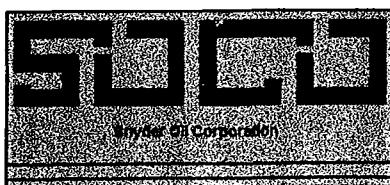
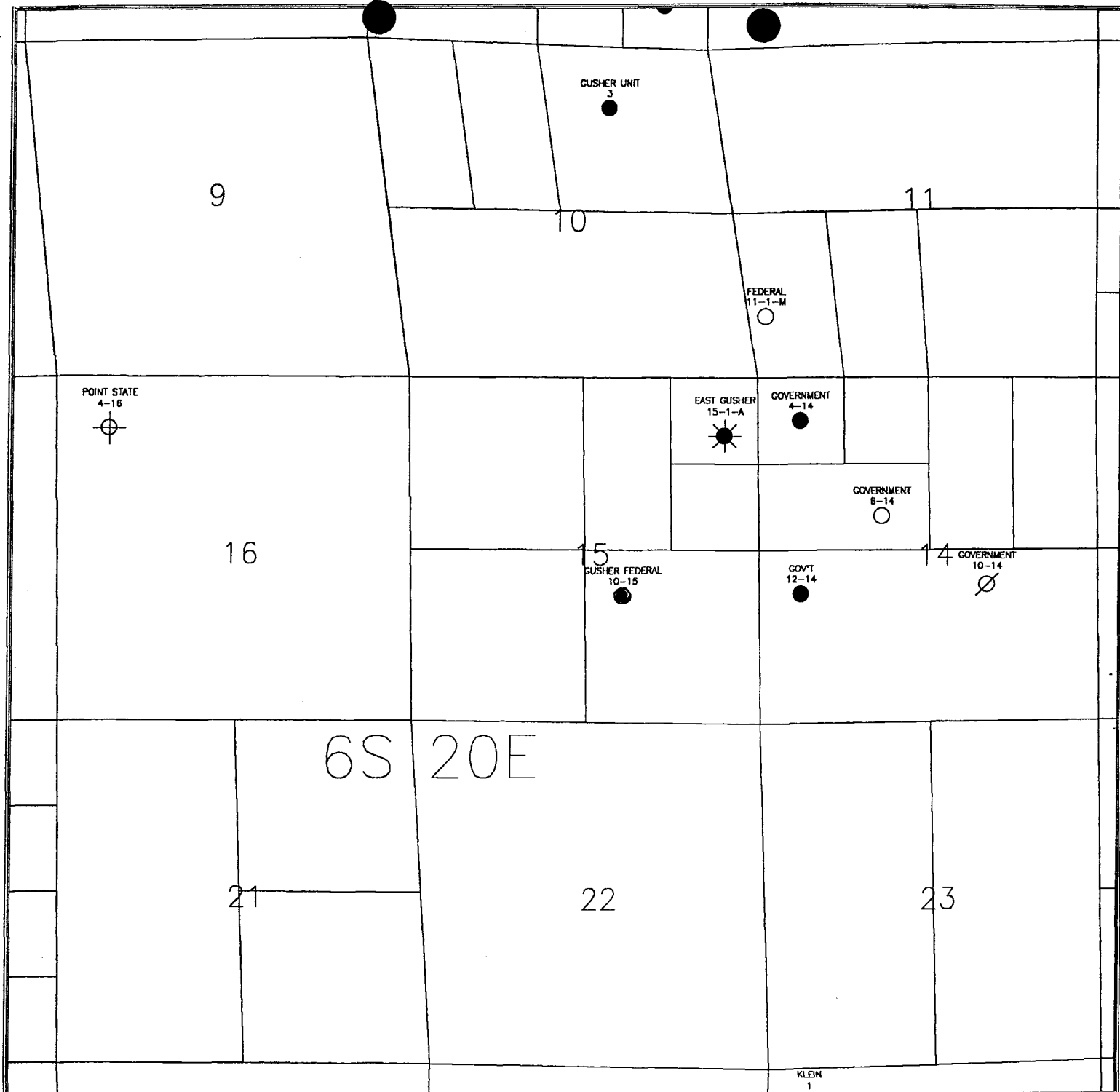
GUSHER FEDERAL #10-15
 SECTION 15, T6S, R20E, S.L.B.&M.
 1971' FSL 2105' FEL

TOPOGRAPHIC
MAP

7 30 97
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00





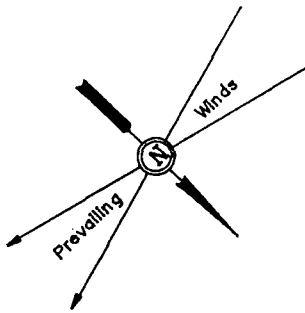
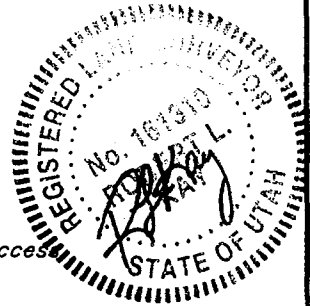
SNYDER OIL CORPORATION		
Gusher Federal #10-15 Uintah County, Utah		
Rod Guice		8/27/1997
Drawn by kam		horseshoe gpf

Exhibit C

SNYDER OIL CORP.

LOCATION LAYOUT FOR

GUSHER FEDERAL #10-15
SECTION 15, T6S, R20E, U.S.B.&M.
1971' FSL 2105' FEL



SCALE: 1" = 50'
DATE: 08-01-97
Drawn By: D.R.B.

Exhibit D

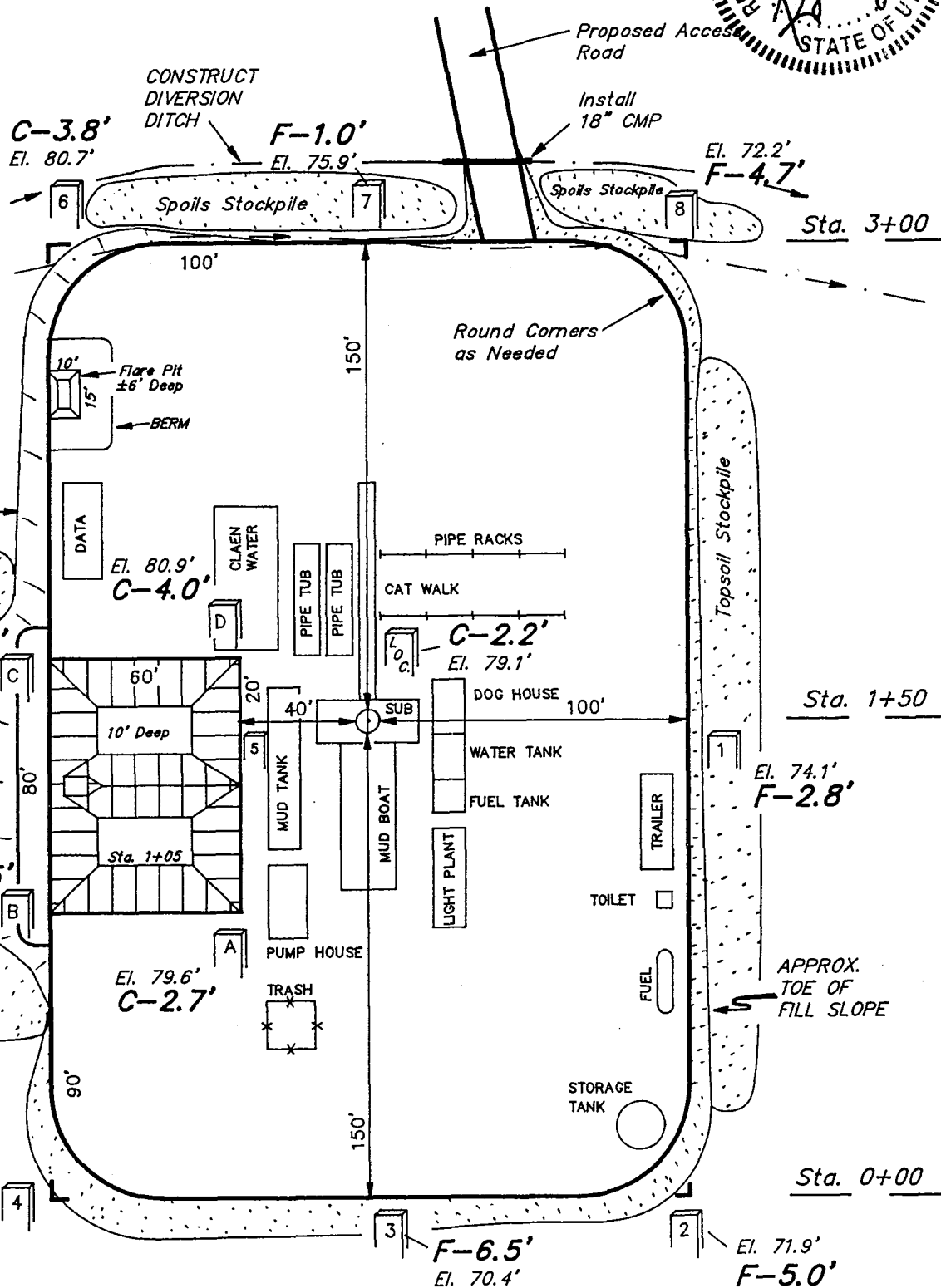
NOTE:

FLARE PIT IS TO BE LOCATED A MINIMUM OF 100' FROM THE WELL HEAD.

APPROX. TOP OF CUT SLOPE

Reserve Pit Backfill & Spoils Stockpile

Pit Capacity With 2' of Freeboard is ± 2,770 Bbls.



Elev. Ungraded Ground at Location Stake = 5079.1'
Elev. Graded Ground at Location Stake = 5076.9'

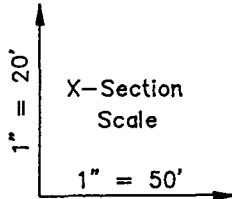
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SNYDER OIL CORP.

TYPICAL CROSS SECTIONS FOR

GUSHER FEDERAL #10-15
SECTION 15, T6S, R20E, U.S.B.&M.

1971' FSL 2105' FEL



DATE: 08-01-97
Drawn By: D.R.B.

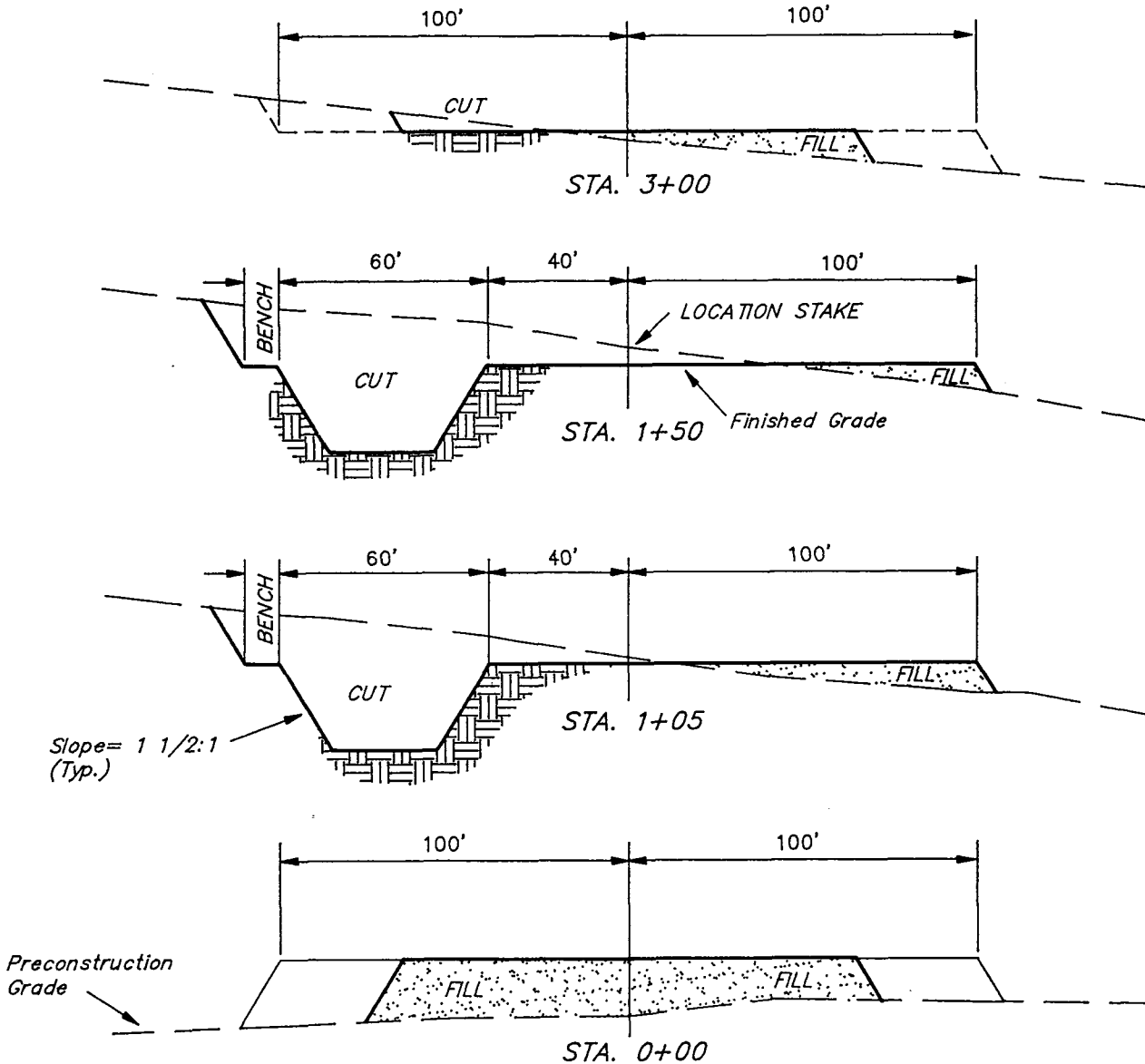


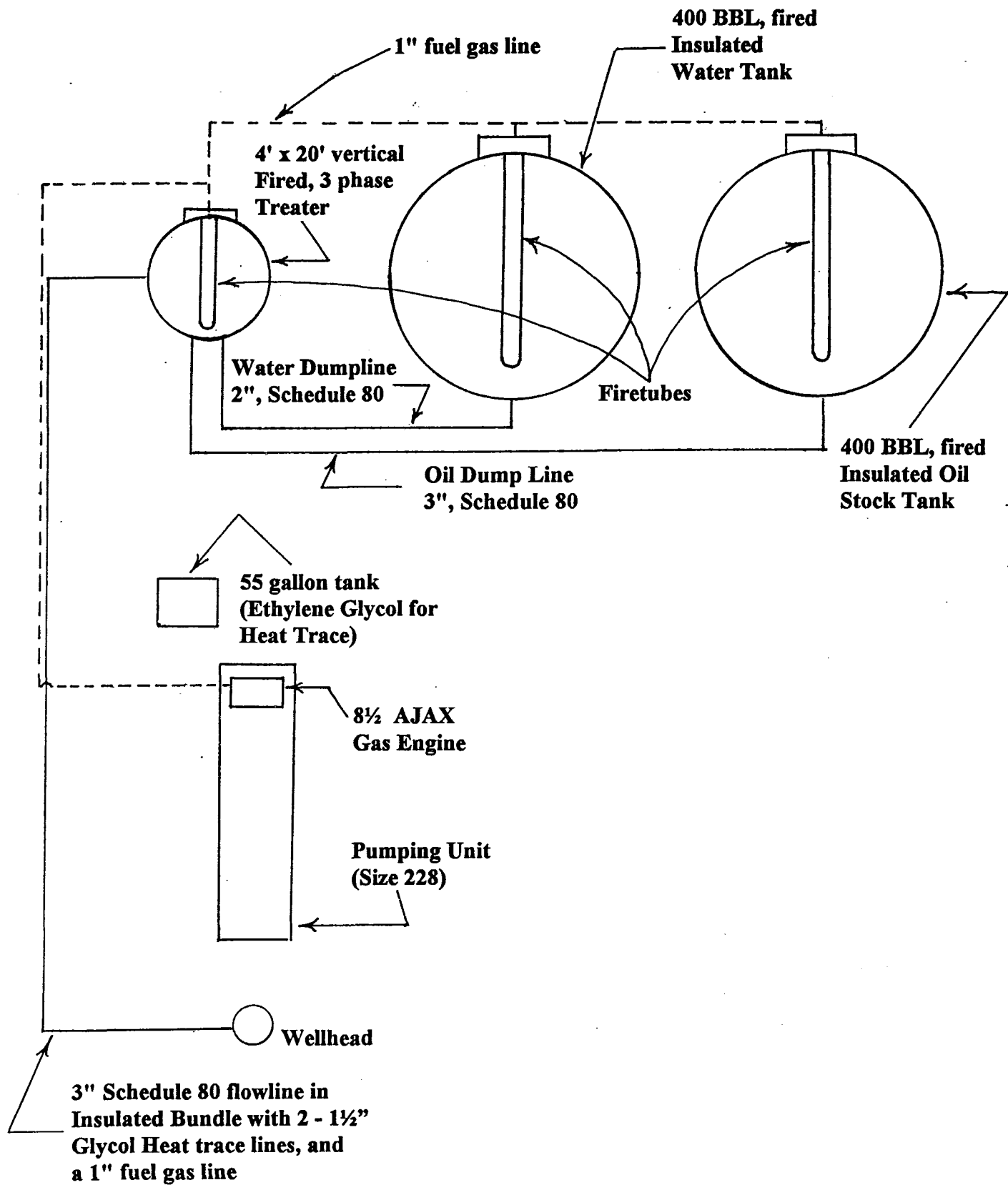
Exhibit E

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,110 Cu. Yds.
Remaining Location	= 4,050 Cu. Yds.
TOTAL CUT	= 5,160 CU.YDS.
FILL	= 3,400 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,580 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,580 Cu. Yds.
EXCESS CUT MATERIAL	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



Plan Of Development

Snyder Oil Corporation
Joe Mazotti
303-592-4643

Access Road and Pad ROW

Gusher Federal 10-15
NW/SE, Sec. 15, T6S - R20E
Uintah County, Utah

1. Possible upgrade and use of the existing road and additional new construction is necessary for the drilling, completion, water haul route, operation, and maintenance of the proposed gas well listed above
2. The location of the access road and water haul route is shown on the attached topographic maps (Exhibits A&B).
 - 2a. The existing road is crowned and ditched.
 - 2b. The access ROW necessary is approximately 0.2 miles long, 40' wide width and 14' driving surface in the SE/4, Section 15, T6S-R20E (see Exhibit B).
 - 2c. The pad ROW is layed out on Exhibit E.
3. Snyder Oil Corporation will operate and maintain the road, and conduct snow removal operations per all current and future BLM regulations in effect.
4. The road is necessary for Snyder Oil Corporation to drill, complete, operate and maintain the subject well.
5. No construction or routine maintenance actives shall be performed during periods when the soil is too wet to adequately support construction equipment. If such equipment creates ruts in excess of four (4) inches deep, the soil shall be deemed too wet to adequately support construction equipment.
6. Snyder Oil Corporation will conduct all actives associated with the construction, operation, and termination of the right-of-way within the authorized limits of the said right-of-way.
7. Snyder Oil Corporation will comply with all applicable Federal laws and regulations existing or hereafter enacted or promulgated. In any event, the holder(s) shall comply with the Toxic Substances Control Act of 1976 as amended, 15 USC 2601 et seq. (1982) with regard to any toxic substances that are used, generated by or stored on the right-of-way grant. (See 40 CFR, Part 702-799 and especially, provisions on polychlorinated byphenyls, 40 CFR 761.1 - 761 - 193.) Additionally, any release of toxic substances (leaks, spills, CFR, Part 117 shall be reported as required by the Comprehensive Environmental Response, Compensation, and Liability Act, section 102b. A copy of any report required or requested by a Federal agency or State government as a result of a reportable release or spill of toxic substances shall be furnished to the authorized officer concurrent with the filing of the reports to the involved Federal agency or State government.
8. Prior to termination of the right-of-way, the holder shall contact the authorized officer to arrange a pretermination conference. The conference will be held to review the termination provisions of the grant.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/15/97

API NO. ASSIGNED: 43-047-33024

WELL NAME: GUSHER FEDERAL 10-15
OPERATOR: SNYDER OIL CORPORATION (N1305)

PROPOSED LOCATION:

NWSE 15 - T06S - R20E
SURFACE: 1971-FSL-2105-FEL
BOTTOM: 1971-FSL-2105-FEL
UINTAH COUNTY
UNDESIGNATED FIELD (002)

LEASE TYPE: FED
LEASE NUMBER: UTU - 64923

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

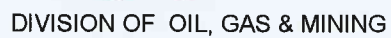
☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number 5736935)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number 43 9077)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

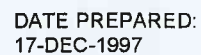
____ R649-2-3. Unit: _____
☒ R649-3-2. General.
____ R649-3-3. Exception.
____ Drilling Unit.
____ Board Cause no: _____
____ Date: _____

COMMENTS: _____

STIPULATIONS: ① FEDERAL APPROVAL



COUNTY: UINTAH UAC: R649-3-2



**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU - 64923	
1b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Snyder Oil Corporation Atten. Joe Mazotti		7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR 1625 Broadway, Suite 2200, Denver, CO 80202 Phone 303-592-4643		8. FARM OR LEASE NAME WELL NO Gusher Federal 10-15	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface 1971' FSL, 2105' FEL At proposed Prod. Zone Same		9. API WELL NO.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 16.0 miles southwest of Vernal, Utah		10. FIELD AND POOL OR WILDCAT Gusher East	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 702'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/SE, Sec. 15, T6S - R20E	
16. NO. OF ACRES IN LEASE 1160		12. County Uintah	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. +/- 2400' East Gusher 15-1-A		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5079' GR		22. APPROX. DATE WORK WILL START* December 1, 1997	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH
12-1/4"	8-5/8"	24#, J-55	820'
7-7/8"	5-1/2"	15.5#, J-55	8200'
		QUANTITY OF CEMENT	
		540 sx Class G	
		200 sx Class G + 150 sx Class G	

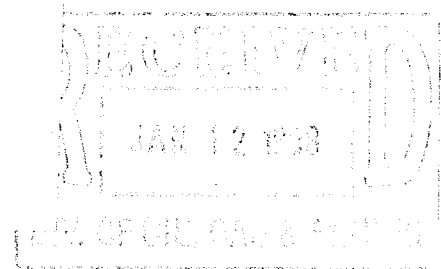
Exhibits attached

Surface Use Plan
10 point Drilling plan
Exhibits A, B, C, D, E, F, G
Access road Plan of Development
BOPE diagrams

BIA Bond No. 5736935
BLM Bond No. 5736975

FILE

43-047-33024



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Sr. Regulatory Specialist DATE 6/27/97

(This space for Federal or State office use)

CONDITIONS OF APPROVAL ATTACHED

PERMIT NO. _____

APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED [Signature] TITLE Assistant Field Manager DATE DEC 18 1997
Mineral Resources

***See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PDGM

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Snyder Oil Corporation

Well Name & Number: Gusher Federal 10-15

API Number: 43-047-33024

Lease Number: U-64923

Location: NWSE Sec 15, T6S, R20E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 4,094 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COAs)

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans For Reclamation Of Location

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep.

The reserve pit and those portions of the location not needed for production facilities and/or operations shall be reclaimed and recontoured in accordance with the APD.

Stockpiled topsoil shall then be spread over the rehabilitated areas to approximate the original topsoil thickness.

Immediately after spreading, the rehabilitated areas and the remaining topsoil stockpile shall be seeded by drilling with the following seed mixture:

needle ant thread	Stipa comata	3 lbs/acre
Shadscale	Atriplex confertifolia	3 lbs/acre
Fourwing saltbush	Atriplex canescens	4 lbs/acre
Galleta	Haliaria jamesii	2 lbs/acre

If the seed mixture is to be aerially broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Upon final abandonment if additional recontouring is needed for these areas, the topsoil shall be removed prior to the final recontouring.

All topsoil shall be spread over the recontoured surface.

Other Information

Sage Grouse

No surface disturbing activities are allowed from March 1 through June 30. This restriction does not apply if sage grouse are not present in the area. If disturbing activities will be done during this time the operator must contact the authorized officer of the BLM to determine if sage grouse are in the area.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

April 29, 1998

Snyder Oil Corporation
1625 Broadway, Suite 2200
Denver, Colorado 80202

Re: Gusher Federal 10-15 Well, 1971' FSL, 2105' FEL, NW SE,
Sec. 15, T. 6 S., R. 20 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33024.

Sincerely,

John R. Baza
Associate Director

lwp

Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator: Snyder Oil Corporation
Well Name & Number: Gusher Federal 10-15
API Number: 43-047-33024
Lease: UTU-64923
Location: NW SE Sec. 15 T. 6 S. R. 20 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801) 538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supercede the required federal approval which must be obtained prior to drilling.

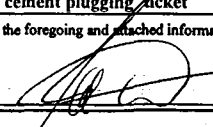
(November 1985)
(formerly 9-330)

SUBMIT IN DUPLICATE
(See other instructions
on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

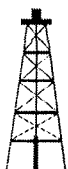
1a. TYPE OF WORK OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____						5. LEASE DESIGNATION AND SERIAL NO. UTU-64923	
1b. TYPE OF WELL NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEP- <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL <input checked="" type="checkbox"/> OVER <input type="checkbox"/> EN <input type="checkbox"/> BACK <input type="checkbox"/> RESVR. <input type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR SNYDER OIL CORPORATION Atten. Joe Mazotti						7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR 1625 BROADWAY, SUITE 2200, DENVER, CO. 80202						8. FARM OR LEASE NAME Gusher Federal	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface 1971' FSL, 2105' FEL At top prod. Interval reported below At total depth						9. WELL NO. 10-15	
14. PERMIT NO. API 43-047-33024						12. COUNTY OR PARISH Uintah	
DATE ISSUED						13. STATE UT	
15. DATE SPUDDED 08/24/98		16. DATE T.D. REACHED 09/09/98		17. DATE COMPL. (Ready to prod.) D&A 9-10-98		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5079' GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8100'		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY ----->		24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* NONE		25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/CDL/CNL/GR/CBL/CCL/GR 11-16-98	
27. WAS WELL CORED NO		28. CASING RECORD (Report all strings set in well)					
CASING SIZE 8-5/8"		WEIGHT, LB./FT. 24#		DEPTH SET (MD) 844'		HOLE SIZE 12-1/4"	
CEMENTING RECORD 540 sx Class G		AMOUNT PULLED NONE					
29. LINER RECORD		30. TUBING RECORD					
SIZE 8-5/8"		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE 8-5/8"		DEPTH SET (MD)		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) NONE D&A		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
7188'		Plug #1 set w/ 131 sx Class G cement					
4445'		Plug #2 set w/ 121 sx Class G cement					
1540'		Plug #3 set w/ 167 sx Class G cement					
744'		Plug #4 set w/ 120 sx Class G cement					
surface		127' surface plug set w/ 40 sx Class G cmt					
33. PRODUCTION		34. TEST WITNESSED BY					
DATE FIRST PRODUCTION P&A		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in) Plugged	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD ----->	
OIL--BBL.		GAS--MCF.		WATER--BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE ----->		OIL GRAVITY-API (CORR.)	
35. LIST OF ATTACHMENTS wellbore diagram, cement plugging ticket		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED 		TITLE Sr. Regulatory Specialist				DATE 30-Dec-98	

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Gusher Federal 10-15
NW/SE, Sec. 15, T6S-R20E
Uintah County, UT
Lease: UTU-64923
API No. 43-047-33024

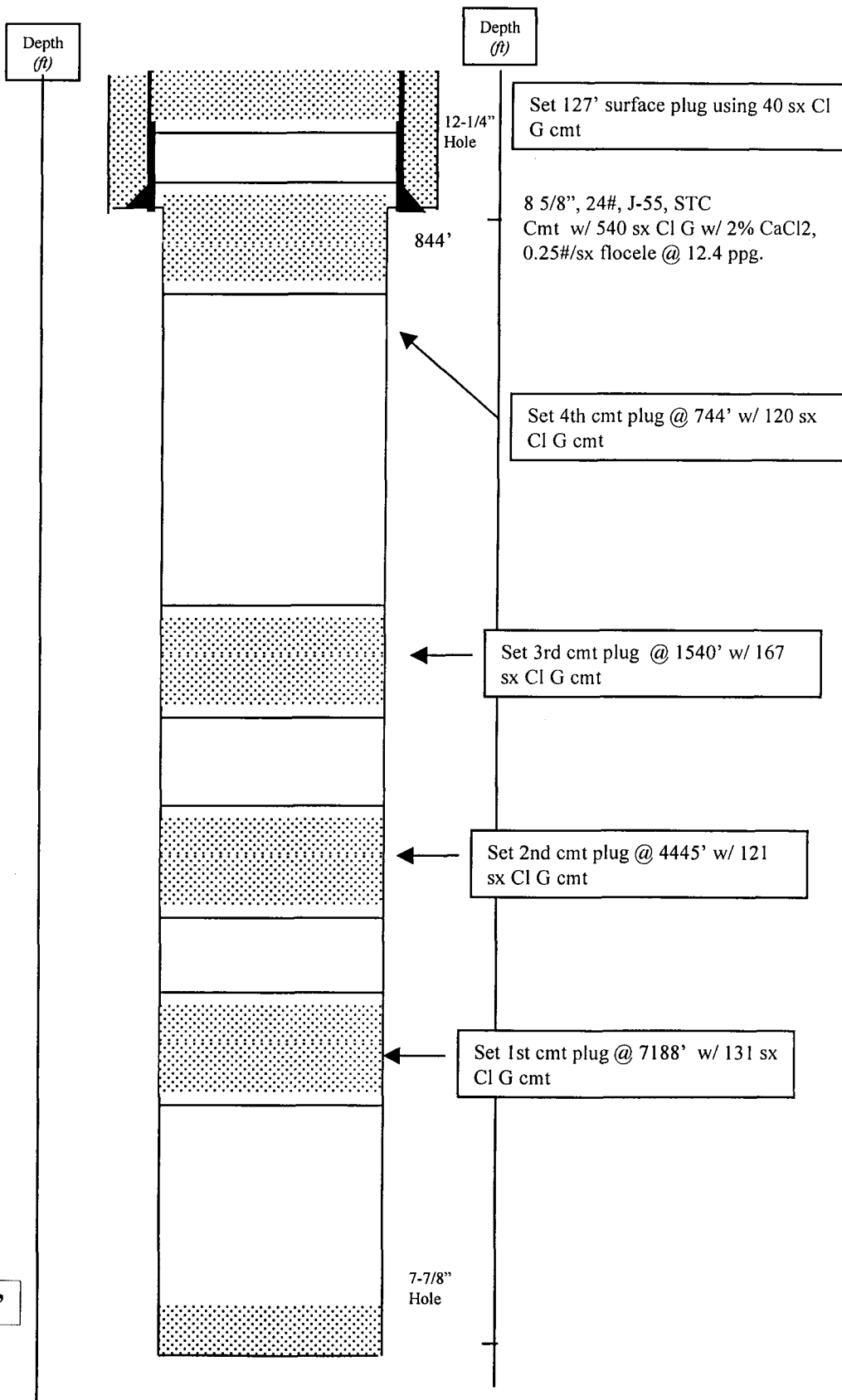
WYOMING



Wellbore Diagram
Initial Completion as of 9/9/98
Compiled by: RKM, December 30, 1998

Snyder Oil Corporation

Spud Date: 08/24/98
TD Date: 09/09/98
Rig Release: 09/10/98
First Sales: P&A



Not to Scale



CHARGE TO
SAVDEX
ADDRESS
VENDOR (413022) ATTN: ACCOUNTS
1625 BROADWAY SUITE 2200
CITY
DENVER, CO. 80202

ORIGINAL - DUNCAN COPY
TICK
37
PAGE
1

LOCATIONS
55080

WELL PROJECT NO 10-15	LEASE Gravelly	STATE UT	OFFSHORE LOCATION DRAY
WELL TYPE 10-15	WELL CATEGORY 115	JOB PURPOSE PTA	WELL LOCATION 815 T

000-117	45	MIERGE 32M 52808-52822	1 EA	40 mi	34
000-119		(Crew) mileage 42022	1 EA	40 mi	34
009-019		Pump Charge 1001-8000	8 EA	7538 EA	444
009-027		Additional Pumps	16 EA		433
000-150		Environmental Surcharges	1 EA	1 EA	55
000-151		Iron Safety Trap Surcharges	1 EA	1 EA	33

IL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

SIGNED **[Signature]** TIME SIGNED **9-9-98 1815** ☐ A.M. ☒ P.M.

TYPE COCK
BEAN SIZE
DEPTH
SPACERS

SUB SURFACE SAFETY VALVE WIRE
☐ PULLED & REWIRED ☐ PULLED ☐ WIRE

TYPE OF EQUALIZING BULB
TUBING SIZE
TUBING PRESSURE
WELL DEPTH

FREE CONNECTION
WIRE VALVE

PAGE TOTAL
FROM CONTINUATION PAGE(S)
PAGE(S)
LESS 452
BULB TOTAL
WIRE TOTAL

CLIAN NIKKANI **[Signature]** **[Signature]**

P.06
801 789 2892 TO 1-800-359-28600
IBURTON VERNAL
DEC 23 '98 10:23 FR

P.O. BOX 701048
DALLAS, TX 75385-1048

Corporate FIN 73-0271280

SERVICE CENTER

INVOICE


HALLIBURTON
HALLIBURTON ENERGY SERVICES
 A Division of Halliburton Company

378943

09/10/1998

WELLER 10-15	UINTAH	UT	SAME
VERNAL, UT.	UNION 16	SHOWN BELOW	09/10/1998
WILLIAM NYLAND		COMPANY TRUCK	46164

SNYDER OIL CORPORATION
 (VENDOR#419022)
 ATTN: ACCOUNTS PAYABLE
 1625 BROADWAY, SUITE 2200
 DENVER, CO 80202

DIRECT CORRESPONDENCE TO:
 P O BOX 339
 VERNAL UT 84078
 800-874-2500

PRICING AREA - WESTERN			
JOB PURPOSE - PLUG TO ABANDON			
000-117 MILEAGE CEMENTING ROUND TRIP	40 MI	3.65	146.00
	1 UNT		
000-119 MILEAGE FOR CREW	40 MI	2.15	86.00
	1 UNT		
009-019 PLUGGING BK SPOT CEMENT OR MUD	7538 FT	4,464.00	4,464.00
	1 UNT		
009-027 PLUGGING BK SPOT CEMENT OR MUD	16 HR	433.00	6,928.00
	1 UNT		
000-150 ENVIRONMENTAL SURCHARGE	1 JOB	55.00	55.00
000-151 IRON SAFETY INSPECTION SURCHG	1 JOB	33.00	33.00
504-043 CEMENT - PREMIUM	580 SK	14.24	8,259.20
509-406 ANHYDROUS CALCIUM CHLORIDE	8 SK	55.90	447.20
500-207 BULK SERVICE CHARGE	580 CFT	1.66	962.80
500-306 MILEAGE CMTG MAT DEL OR RETURN	545 THI	1.25	681.25
JOB PURPOSE SUBTOTAL			22,062.45
INVOICE SUBTOTAL			22,062.45
DISCOUNT-(BID)			8,824.96
INVOICE BID AMOUNT			13,237.49
*--UTAH STATE SALES TAX			295.00
*--VERNAL CITY SALES TAX			68.00
*--UINTAH COUNTY SALES TAX			15.00
INVOICE TOTAL - PLEASE PAY THIS AMOUNT			\$13,616.30

AFFIX JOB TKT

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay all costs of such collection, plus all collection and court costs.

PAGE 1

18713



HALLIBURTON ENERGY SERVICES

CHARGE TO: **Snyder**
 ADDRESS: **VENDOR (413022) ATTN: ACCOUNTS**
1625 BROADWAY SUITE 200
DENVER, CO. 80202

ORIGINAL - DUNCAN COPY

1. 55080	WELL PROJECT NO. 10-15	LEASE Gusky	SH Utah	STATE UT	CITY/OFFSHORE LOCATION DRAY	DATE 9/1
2.	ROCKET TYPE SALES	NITROGEN JOB? YES	CONTRACTOR Union	SHIPPER UTS	DELIVERED TO location	ORDER NO.
3.	WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 115 PTA	WELL PERMIT NO.		WELL LOG SL

4. REFERRAL LOCATION	INVOICE INSTRUCTIONS: TO: PTA well as instructed by company man.					
	000-117		40 MILEAGE RCM 52808-78322	1 EA	40' MILE	
	000-119		(Crew) mileage 420022	1 EA	40' MILE	
	009-019		pump charge 7801-8000	1 EA	7538' M	44
	009-027		Additional hours	16 EA		
	000-150		Environmental Surcharge	1 EA	1 EA	
	000-151		Iron Safety Equip Surcharge	1 EA	1 EA	

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

X **W. W. [Signature]**
 DATE SIGNED **9-9-98** TIME SIGNED **1815** ☐ A.M. ☒ P.M.
☐ do not require IPC (permanently) ☐ Not offered

TYPE LOCK	SUB SURFACE SAFETY VALVE WAS <input checked="" type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	
BEAN SIZE	TYPE OF EQUALIZING SUB. CASING PRESSURE	
DEPTH	TUBING SIZE	TUBING PRESSURE WELL DEPTH
SPACERS	TREE CONNECTION	TYPE VALVE

CUSTOMER'S SIGNATURE: **[Signature]** HALLIBURTON REPRESENTATIVE: **[Signature]**

REFERENCES

JOB SUMMARY #238-1

37043

9-10-98

REGION	North America	MAIN COUNTRY	Rocky mts, USA	BOA / STATE	Utah	COUNTY	Uintah
MRU ID / REP	16009 16094	EMPLOYEE NAME	L. Wilborn	PSL DEPARTMENT	3001		
LOCATION	55685	COMPANY	Snyder	CUSTOMER REF / PHONE	W. Nyland		
TICKET AMOUNT		WELL TYPE	01	API / UWI	16-0129		
WELL LOCATION	01AY	DEPARTMENT	3001	JOB PURPOSE CODE	115 PTA		
LEASE WELL ID	10-15	SEC / TWP / RANG	S 5 T 10 S. R. 20 E.				

EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS
WILSON, R. M. 64	24						
WILSON, R. M. 63	24						
WILSON, R. M. 40	04						

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
970022 PU	40						
970022 PCM	40						
970022 PCM	40						

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

TYPE AND SIZE	QTY	MAKE
Floot Collar	N/A	
Floot Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

Treat Fluid	<u>Oil</u>	Density	<u>0.8</u>	Lb/Gal
Disp. Fluid	<u>H₂O</u>	Density	<u>8.33</u>	Lb/Gal
Prop. Type		Size		Lb.
Prop. Type		Size		Lb.
Acid Type		Gal		%
Acid Type		Gal		%
Surfactant		Gal		In
HE Agent		Gal		In
Fluid Loss		Gal/Lb		In
Gelling Agent		Gal/Lb		In
Fib. Red.		Gal/Lb		In
Greaser		Gal/Lb		In
Bleaching Agent			Gal/Lb	
Penetration Balls			Gty.	
Other				
Other				
Other				
Other				

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	9-9-98	9-9-98	9-9-98	9-10-98
TIME	1600	1800	1914	1800

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing						
Liner						
Liner						
Tbg/D.P.	14.	116.6	4.5	0	7538	
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

[illegible]

ORDERED	AVE	Used
TREATED	Dis	Overall
FEET	Reason	

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	121	Non A/C	B	2 1/2 gal/cu ft	6th Stage 40 SKS	4.18 15.6
2	121	"	B	2 3/4 gal/cu ft		4.18 15.6
3	117	"	B	1 3/4 gal/cu ft		4.18 15.6
4	60	"	B	2 3/4 gal/cu ft		4.18 15.6
5	120	"	B	2 1/4 gal/cu ft		4.18 15.6

Circulating _____	Displacement _____	Preflush: Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pack BBI - Gal _____
Average _____	Frac Gradient _____	Treatment Gal - BBI _____	Diagn BBI - Gal _____
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slur Gal - BBI _____	
		Total Volume Gal - BBI _____	

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER'S REPRESENTATIVE SIGNATURE _____

578-43

9-10-98

REGION	North America	NMA/COUNTRY	Canada MIT USA	BDA / STATE	ONTARIO	COUNTY	Windsor
WELL ID / EMP #	WEN09	EMPLOYEE NAME	L. Weldon	POL DEPARTMENT	SAP		
LOCATION	55605	COMPANY	Snyder	CUSTOMER REP / PHONE	Bill Nyland		
TICKET AMOUNT		WELL TYPE	21	API / URA	16-079		
WELL LOCATION	OKAY	DEPARTMENT	SAP	JOB PURPOSE CODE	115 DTA		
LEASE / WELL #	D-15	SEC / TRG / RING	315 T 110S. R. 20 E.				

HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#(EXPOSURE HOURS)	HRS
W. H. H. 2094	24						
W. H. H. 2093	24						
W. H. H. 2140	24						

	DATE	TIME	DEPTH	TEMP.	SPECIFIC GRAVITY	WATER	SLURRY	REMARKS
9-10-58	1230							run in hole to top cut
	1300							Top cut @ 1582' of run decided to pump abandon plug as per P.M. Because cut was 45' too low
10-10-58	1320	5.7	-	110				Start fresh H ₂ O ahead
	1322	5.7	G	210				End fresh H ₂ O
	1324	5.8	-	275				Start cut @ 15.6" 1.18 cu ft 5.2 gal sk. 22 cuts
	1325	5.8	20.5	175				End cut
	1325	5.8	-	175				Start screen
	1325	5.8	1.4	175				End screen
	1325	5.8	-	160				Start disp.
	1329	-	19.1	160				End disp. Hole staged full POOH.
11-10-58	1431	5.4	-	180				Start fresh H ₂ O ahead
	1433	-	G	130				End H ₂ O
	1435	5.3	-	130				Start cut @ 15.6" 1.18 cu ft 5.2 gal sk. 22 cuts
	1440	5.3	25	130				End cut
	1440	5.3	-	130				Start screen
	1440	5.3	1.4	130				End screen
	1440	6.3	-	130				Start disp.
	1440	-	8.4	130				End disp. Hole staged full plug set @ 141-142 POOH.
12-10-58	1704	3						Start cut @ 15.6" 1.18 cu ft 5.2 gal sk.
	1712	-	8.5					Cut to surface
	1719	10						POOH. Top off hole w/cut. plug set @ 127-2 End job Released from Job